

Amendments to the Claims:

The following is a complete listing of the claims that replaces all previous versions.

Listing of the Claims:

1-9. (cancelled)

10. (currently amended) A device for testing the level of an analyte comprising:

a first barrel having a proximal end and a distal end;

a gas or vapor permeable but liquid impermeable barrier situated in the first barrel between the proximal end and the distal ends, wherein liquid can be filled up to the barrier;

a retainer on the distal end, wherein the retainer comprises a valve; and

at least one chemical reactive ~~with the analyte~~ in the first barrel between the retainer and the barrier.

11. (cancelled)

12. (original) The device of claim 10, wherein the analyte is an aldehyde.

13. (original) The device of claim 12, wherein the aldehyde is either OPA or glutaraldehyde.

14. (currently amended) The device of claim 10, further comprising a means for adjusting the position of the said barrier, whereby the liquid can only be filled up to the barrier so as to measure a fixed volume of the liquid.

15. (currently amended) The device of claim 10, ~~which~~ further ~~comprises~~ comprising a coupling device to adapt the barrier to the testing device.

16. (original) The device of claim 15, wherein the coupling device comprises an insert.

17. (original) The device of claim 16, wherein the insert is adjustable to position the barrier.

18. (original) The device of claim 15, further comprising a holder to position and secure the coupling device in the testing device.

19. (original) The device of claim 17, further comprising a screw for adjusting the position of the insert.

20. (currently amended) The device of claim 10, wherein the valve is a first valve, ~~which~~ further ~~comprises~~ comprising a second barrel ~~which is~~ in fluid communication with the said first barrel by means of a second valve.

21. (original) The device of claim 10, further comprising a needle at the distal end.

22. (currently amended) The device of claim 16, wherein the said insert is H-shaped in cross-sectional view.

23. (currently amended) The device of claim 16, wherein the said insert is U-shaped in cross-sectional view.

24. (cancelled)

25. (currently amended) The device of claim 10, wherein the said gas or vapor permeable but liquid impermeable barrier comprises a hydrophobic material.

26. (currently amended) The device of claim 10, wherein the said first barrel comprises at least one reactant selected from the group consisting of a salt of bisulfite, a salt of cyanide, hydrazine, hydroxylamine, an amine, and combinations thereof.

27. (new) A device for testing the level of an analyte, comprising:

a barrel having a proximal end and a distal end;

a gas or vapor permeable but liquid impermeable barrier situated in the barrel between the proximal end and the distal end, wherein liquid can be filled up to the barrier;

a retainer positioned proximate to the distal end, wherein the retainer comprises a valve, and wherein the retainer is configured to retain the liquid in the barrel between the retainer and the barrier; and

at least one chemical reactive in the barrel between the retainer and the barrier.

28. (new) The device of claim 27, wherein the barrel is a first barrel, wherein the chemical reactive is a first chemical reactive, the device further comprising a second barrel configured to

be in fluid communication with the first barrel, wherein the second barrel includes a second chemical reactive.

29. (new) The device of claim 28, wherein the valve is a first valve, further comprising a second valve configured to selectively place the first barrel in fluid communication with the second barrel.

30. (new) A device for testing the level of an analyte, comprising:

a first barrel having a proximal end and a distal end;

a gas or vapor permeable but liquid impermeable barrier situated in the first barrel between the proximal end and the distal end, wherein liquid can be filled up to the barrier;

a second barrel configured to be in fluid communication with the first barrel such that the liquid can flow between the first barrel and the second barrel; and

at least one chemical reactive in the second barrel.

31. (new) The device of claim 30, further comprising a retainer positioned proximate to the distal end, wherein the retainer includes a valve, and wherein the retainer is configured to retain at least one of the liquid and the chemical reactive between the distal end and the barrier.

32. (new) The device of claim 30, wherein the chemical reactive is a first chemical reactive, and wherein the first barrel includes a second chemical reactive.

33. (new) The device of claim 30, further comprising an adjustment member configured to move the barrier within the first barrel such that the liquid in the first barrel can be motivated into the second barrel.

34. (new) The device of claim 30, further comprising a valve configured to selectively place the first barrel in fluid communication with the second barrel.

35. (new) A device for testing the level of an analyte, comprising:

a barrel having a proximal end and a distal end;

a gas or vapor permeable but liquid impermeable barrier situated in the barrel between the proximal end and the distal end, wherein liquid can be filled up to the barrier;

an adjustment member configured to move the barrier relative to the barrel such that a fixed volume of the liquid can be filled in the barrel up to the barrier; and

at least one chemical reactive in the barrel.

36. (new) The device of claim 35, further comprising a retainer positioned proximate to the distal end, wherein the retainer includes a valve, and wherein the retainer is configured to retain the liquid in the barrel.

37. (new) The device of claim 36, wherein the retainer is configured to retain the chemical reactive in the barrel.

38. (new) The device of claim 35, wherein the adjustment member is configured to slide the barrier relative to the barrel.

39. (new) The device of claim 35, further comprising a gas, vapor, and liquid impermeable element configured to be moved relative to the barrel to draw the fixed volume of the liquid into the barrel up to the barrier.

40. (new) A device for testing the level of an analyte, comprising:

- a barrel having a proximal end and a distal end;

- a gas or vapor permeable but liquid impermeable barrier situated in the barrel between the proximal end and the distal end, wherein liquid can be filled up to the barrier;

- a needle positioned proximate to the distal end; and

- at least one chemical reactive in the barrel between the distal end and the barrier.